FIRE ENGINEERING

1995 EDITORIAL INDEX

AUTHORS

Barbera, Joseph A., M.D., FACEP; Craig DeAtley, PA-C, EMT-P; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Medical Aspects of Urban Search and Rescue. Nov, p88.

Barbera, Joseph A., M.D., FACEP; Craig DeAtley, PA-C, EMT-P; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Oklahoma City Bombing: Report and Analysis, Volume 2, The: The Response of Virginia Task Force 1: A Medical Perspective. Nov, p92.

Bentivoglio, John T. Employee Background Checks: Walking the Fine Line. Aug, p65. SOPs and Liability. Jan, p105.

Bingham, William L. Managing the Sexual Harassment Issue. Feb, p56.

Bohl, Nancy. Measuring the Effectiveness of CISD: A Study. Aug, p125.

Borden, Frank W. Kobe Earthquake: Lessons for the United States, The. May, p43.

Brannigan, Francis L. Four Fire Fatalities. (The Ol' Professor) Aug, p135. Preplanning Building Hazards: Jan, p111; Mar, p103; Sept, p85; Dec, p58.

Brennan, Tom. Fires for Thought. (Fire Focus) Sept, p20. Random Thoughts: Change It! Sept, p102; Collapse Indicators During Operations. June, p142; Collapse Points—Truths? Feb, p78; Factors That Could Signal a Shift to Defensive Strategy. May, p90; Fires You Never Read About. Jan, p168; More on Tower Ladders, Part 1. July, p94; More on Tower Ladders, Part 2. Aug, p166; More Reasons That Collapse on the Fireground Should Not Be a Surprise. Mar, p222; More Subtle Fireground Surprises, The. Apr, p126; Pearls, Oysters, Phoenix, Ashes. Dec, p82.

Brightmire, Susan. Diversity. (Fire Commentary) Jan, p117.

Brown, Gerry. Creating an Emergency Vehicle Awareness Program. (Training Notebook) Sept, p16.

Brown, Michael G. Breathing Apparatus "in the Hole" ... an Opinion. May, p61; Oklahoma City Bombing: Report and Analysis, Volume 2, The: The Work of a Task Force: Dismantling a Dying Building. Nov, p73.

Buckman, John M. Training Volunteers, Part 1. (Volunteers Corner) Jan, p10; Part 2. (Volunteers Corner) Feb, p10. Volunteer Leaders Surviving Modern Times. Sept, p78.

Caldwell, Joe E. and **Mark Chubb.** Tragedy in a High-Rise, Memphis, Tennessee. Mar, p49.

Carlsen, Gene P. Fighting Fire with Water: Getting the Most from Your Pumping Apparatus. Sept, p56. Volunteers Corner: Gods Are Coming, The. Aug, p12; Handling Flammable/Combustible Liquids Carriers. Dec, p10; Partnerships with Local Industry. Mar, p12; What Happened to Our Budget? July, p10.

Carr, Tom. Oklahoma City Bombing: Report and Analysis, Volume 2, The: USAR Task Force Logistics. Nov, p79.

Carroll, John. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Communications. Nov, p97.

Carter, Harry R. When Should You Purchase an Aerial Ladder? (Volunteers Corner) Sept, p12.

Chapman, Elmer F. Guidelines for Strategic Decision Making at High-Rise Fires. Sept, p66.

Chapman, Mark. Fire Departments and Communities: Partners in Prevention: The Lexington (KY) Division of Fire's Fire Safety House. June, p104.

Chubb, Mark. Aboveground Storage Tank Debate, The. June, p73. Firefighters: Train to Prevent as Well as Protect. Aug, p117.

Chubb, Mark and **Joe E. Caldwell.** Tragedy in a High-Rise, Memphis, Tennessee. Mar, p49.

Clark, Allen. SCBA Confidence Course. (Innovations: Homegrown) Jan, p112.

Clark, William E. Fighting Fire with Water: Using Water Wisely. Sept, p33. Speaking of Safety: Applying Water Safely. Mar, p28; Flashover Symposium, Vent-Point Ignition. Aug, p28; Tools or Weapons? Jan, p36.

Cline, Jim. Rapid Intervention Companies: The Firefighter's Life Insurance. June, p67.

Colella, Brian A. Conducting a Successful SCBA Evaluation. June, p95.

Conniff, John. Alternative Chock. (Innovations: Homegrown) Feb, p60.

Corbett, Glenn P. Fire Inspector Training. (Fire Prevention Bureau) June, p22; Prevention Points to Ponder. June, p23.

Damon, Walter A. Effective Hydraulic Gradient Testing. Feb, p39.

Davis, David and **Albert J. Lankie.** Night into Day: The Edison, New Jersey, Gas Pipeline Explosion. May, p34.

Davis, Gary. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Victims by the Hundreds: EMS Response and Command. Oct, p98.

Dean, Chuck. Rope "Wrenches": A Cutting Problem. May, p71.

DeAtley, Craig, PA-C, EMT-P; Joseph A. Barbera, M.D., FACEP; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Medical Aspects of Urban Search and Rescue. Nov, p88.

DeAtley, Craig, PA-C, EMT-P; Joseph A. Barbera, M.D., FACEP; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Oklahoma City Bombing: Report and Analysis, Volume 2, The: The Response of Virginia Task Force 1: A Medical Perspective. Nov, p92.

Delisio, Christian and **Jerry Knapp.** Survival Training in the Flashover Simulator. June, p83.

Dinneen, Henry. Starting the Year Off Right. (Note from the Publisher) Jan, p6.

Dittmar, Mary Jane. The "80/20" Issue: An Update. July, p47.

Donahue, Michael L. Total Quality Management in Investigation. Mar, p88.

Downey, Ray. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Task Force Operations: An Overview. Nov, p25. Rescue Company: Concrete Cutting Saws. May, p22; Specialized Rescue Training. Jan, p24; Tools and Equipment for Specialized Rescue. Mar, p22.

Dunn, Michael. Breathing Air Systems for Confined Space Rescue. May, p55.

Dunn, Vincent. Why Can't the Fire Service Extinguish Fires in High-Rise Buildings? (High-Rise Firefighting) Dec, p22.

Dycus, Troy. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Treating the Mind: CISD. Oct, p120.

Earl, Stanley E. Fireground Officer, The: Just a Backup System? Jan, p89.

Eckman, William F. Where's the Water?: Initial Supply. Feb, p22; Pressurized Systems. June, p119; Sustained Supply. June, p118; Total Water Supply. Aug, p132.

Edmonson, Jackie W.; Michael Keeton; and Michael Vernon. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Rescue Command. Oct, p48.

Edwards, C. Bruce. Don't Play Supply Hose Catch-Up. Feb, p48.

Faulkner, James R. Apparatus Collision Decisions. Sept, p82.

Fire, Frank L. Chemical Data Notebook Series #101: Acetic Anhydride. Jan, p127; #102: Acetone Cyanohydrin. Feb, p65; #103: Arsine. Mar, p107; #104: Propylene Oxide. Apr, p114; #105: Sodium Hydrosulfide. May, p75; #106: Chlorine Dioxide. June, p125; #107: Ethyl Acrylate. July, p77; #108: Potassium Cyanide. Aug, p138; #109: Boron Trichloride. Sept, p88; #110: Formic Acid. Oklahoma City Bombing: Report and Analysis, Volume 1, The: ANFO: The Tool of Destruction. Oct, p13.

Fisher, James A. EMS Showcase and Bulletin Board: Spirit of Miami. July, p58.

Flannery, Timothy J. Training Notebook: Developing Lesson Plans, Part 1: What Do We Need to Teach? July, p14; Part 2: What is the Objective? Aug, p16; Part 3: Creating the Lesson Plan. Dec, p16.

Forshee, Stephen. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Dispatch. Oct, p109.

Fredericks, Andrew A. Fighting Fire with Water: Return of the Solid Stream. Sept, p44.

Gaglierd, Anthony M. and **Richard K. Hilinski.** Response to a Medical Emergency Involving Radioactive Materials. July, p32.

Ghilardocci, Mark. Oklahoma City Bombing: Report and Analysis, Volume 2, The: USAR IST: Providing Search and Rescue Support in Oklahoma City. Nov, p9.

Grosso, Joseph. Restaurant Grease Duct Fires. (Training Notebook) June, p16.

Gustin, Bill. Breaching the Concrete Block Masonry Wall. Apr, p67. Removing Security Bars. July, p40.

Hackworth, Robert. Can Your Air Bags Pass the Test? June, p111.

Hakes, Holly S. EMS Showcase and Bulletin Board: Implementing an Emergency Medical Dispatch Program. July, p66.

Hammond, David J. Oklahoma City Bombing: Report and Analysis, Volume 2, The: "Engineering" the Collapse: Making the Structure Safe. Nov, p49.

Hansen, Jon. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Working with the Media. Oct, p116.

Hartman, Joseph M. Explosion in New Jersey Chemical Plant Kills Five. Dec, p33.

Harwell, Jeffrey A. More Lessons in Building Construction: Fire in Arlington, Texas. Feb, p32.

Haugh, Lair Dayton. Workers' Compensation Laws, Infectious Disease, and Personal Privacy. (Fire Service Court) Feb, p63.

Henson, Roger R. Labor and Management: Strengthening the Fire Service Leadership Partnership. Aug, p83.

Hermann, Stephen L. Learning the Procedure Without Understanding a Propane Gas "Flare." (Training Notebook) Jan, p14. "This Looks Serious...Though It's Hard to Tell Through These Binoculars." (Fire Commentary) Aug, p129.

Hilinski, Richard K. and **Anthony M. Gaglierd.** Response to a Medical Emergency Involving Radioactive Materials. July, p32.

Hisman, Eve E. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Explosion and Collapse: Disaster in Milliseconds. Oct, p14.

Hollins, Leigh T. Plastic Gas Mains: Hazards and Tactics. Dec, p49.

Hone, Jim. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Interior Operations: "The Pit." Nov, p39.

Horner, John D. Operation "Water Bottle": Firefighters Bring Life to a Strife-Torn Region. Aug, p107.

Hottle, Vandon, R. Oklahoma City Bombing: Report and Analysis, Volume 1, The: OCFD Logistics. Oct, p114.

Huder, Roger C. Training Incident Commanders for Tactical Decision Making. (Training Notebook) Mar, p16.

Jackson, Arthur L. Fire Investigation: You Can Learn From Every Fire. Mar, p80.

Kanterman, Ronald E. Going to the "National." (Fire Commentary) Apr, p113.

Keating, Frank. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Message from the Governor: The Fire Service in Oklahoma City. Oct, p9.

Keeton, Michael; Jackie W. Edmonson; and **Michael Vernon.** Oklahoma City Bombing: Report and Analysis, Volume 1, The: Rescue Command. Oct, p48.

Knapp, Jerry and **Christian Deliulo.** Survival Training in the Flashover Simulator. June, p83.

Kosanke, Kenneth L. and **Thomas J. Poulton.** Fireworks and Their Hazards. June, p49.

Krebs, Dennis R. Air Bag Rescue: An Unusual Application. May, p65.

Lanskie, Albert J. and **David Davis.** Night into Day: The Edison, New Jersey, Gas Pipeline Explosion. May, p34.

Larson, Randall D. Pyrolysis Danger in Housing Development. Mar, p74.

Lawrence, Cortez. Company Staffing: The Proof Is in Your Numbers. Apr, p61.

Leihbacher, Douglas. Tactics for Large Magnesium Fires: Yonkers, New York, Magnesium Incident. Apr, p38.

Macintyre, Anthony G., M.D.; Craig DeAtley, PA-C, EMT-P; Joseph A. Barbera, M.D., FACEP; and **Dewey H. Perks, EMT-P.** Oklahoma City Bombing: Report and Analysis, Volume 2, The: Medical Aspects of Urban Search and Rescue. Nov, p88.

Macintyre, Anthony G., M.D.; Craig DeAtley, PA-C, EMT-P; Joseph A. Barbera, M.D., FACEP; and **Dewey H. Perks, EMT-P.** Oklahoma City Bombing: Report and Analysis, Volume 2, The: The Response of Virginia Task Force 1: A Medical Perspective. Nov, p92.

Manning, Bill. Editor's Opinion: Blades of Grass. Dec, p6; How White Is Your Helmet? Sept, p6; Make Standards a Win-Win for the Fire Service. Feb, p6; Mechanics of Excellence, The. July, p6; Miscellaneous Fictions. Mar, p6; Terrorism on U.S. Soil: The New Reality. May, p6; Thank You, Fire Service. Apr, p6; Training. June, p6; Seat in "the Can." A. June, p92. White Cover, The. Aug, p6.

Marinucci, Richard A. and **Lee A. Panoushek.** Vehicle Extrication Basics. (Volunteers Corner) May, p10.

Marrs, Gary. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Report from Fire Chief Gary Marrs. Oct, p16.

McCormack, Ray. 50 Ways to Improve Your Personal Safety. (Speaking of Safety) May, p26. Supplying Electrical Power to Remote Equipment. Sept, p71.

Mollman, Mark. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Tool Use. Oct, p110.

Montagna, Frank C. Facts About Rabies, The. Feb, p42. "Odor of Smoke." Mar, p69. Risk Taking on the Fireground. Aug, p101. Training Notebook: Mattress Fires. Apr, p18; White Ghost, The. May, p16.

Moriarty, Michael. Managing Information for the Fire Department. Apr, p48.

Murphy, Jack J., Jr., and **John J. O'Rourke.** Woodstock '94: Fire Planning for Large Public Events. Jan, p74.

Murtagh, Matthew. Take Command. Apr, p90.

Nichen, Robert D. Fire Departments and Communities: Partners in Prevention: Making Fire Alarms Pay for Themselves. June, p101.

Nuja, Jon. Fire Departments and Communities: Partners in Prevention: Automatic Sprinkler Effectiveness Evident in Minnesota Schools. June, p102.

Nell, Gregory G. Handling Haz Mats: Subsurface Spills and Releases into a Sewer System. Apr, p54.

Norman, John. Modifying Procedures for SCBA Safety..."in the Hole." May, p60.

O'Connell, John P. Collapse Search and Rescue Operations: Tactics and Procedures Part 13: The Split Sole Raker Shore. Jan, p95; Part 14: Horizontal Shoring. Mar, p92; Part 15: Air Bag Operations. July, p50. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Supporting a Fractured Building. Nov, p64.

O'Donnell, Andrew. Fighting Fire with Water: Choosing a Nozzle. Sept, p60.

Oniel, Denis G. Funding Dilemma, The: Are You Prepared for It? Aug, p70.

O'Rourke, John J. and **Jack J. Murphy Jr.** Woodstock '94: Fire Planning for Large Public Events. Jan, p74.

Panek, Frank M. Safety at Stump Jumper Operations. Aug, p75.

Panoushek, Lee A. and **Richard A. Marinucci.** Vehicle Extrication Basics. (Volunteers Corner) May, p10.

Parker, Tim. Operations Turnover Checklist. (Training Notebook) Feb, p14.

Perks, Dewey H., EMT-P; Anthony G. Macintyre, M.D.; Craig DeAtley, PA-C, EMT-P; and **Joseph A. Barbera, M.D., FACEP.** Oklahoma City Bombing: Report and Analysis, Volume 2, The: Medical Aspects of Urban Search and Rescue. Nov, p88.

Perks, Dewey H., EMT-P; Anthony G. Macintyre, M.D.; Craig DeAtley, PA-C, EMT-P; and **Joseph A. Barbera, M.D., FACEP.** Oklahoma City Bombing: Report and Analysis, Volume 2, The: The Response of Virginia Task Force 1: A Medical Perspective. Nov, p92.

Perry, Dale. Fire Suppression Rating Schedule. (Volunteers Corner) June, p10.

Peters, William C. Apparatus Points to Ponder. Sept, p22. Secondary Braking Systems: A Second Chance. Sept, p63.

Peters, William C. and **Carl E. Peterson.** NFPA Proposes Updates to the Fire Apparatus Standards. Sept, p73.

Peterson, Carl E. and **William C. Peters.** NFPA Proposes Updates to the Fire Apparatus Standards. Sept, p73.

Pidermann, Edward. Labor and Management: Case Study in Labor/Management: City of Miami, Florida. Aug, p95.

Poulton, Thomas J. and **Kenneth L. Kosanke.** Fireworks and Their Hazards. June, p49.

Pressler, Bob. Engine Company, The: Getting Water to the Fire. Feb, p16; Personnel Positions and Hose Stretches. Apr, p22. Fire Focus: Firefighter Trapped! Dec, p56; Fires in Old Commercial Occupancies. Aug, p24; Members in Distress. June, p26; Ventilation Problems. Apr, p102; Victim Removal, Part 2: Roof Rope Rescues. Jan, p66. Operations on Peaked-Roof Structures. (The Truck Company) July, p18.

Rafilson, Fred M. Legislative Impact on Fire Service Physical Fitness Testing. Apr, p83.

Rakosnik, Ronald J. Back-Wiring Poses Fire Hazard. Mar, p84.

Richman, Hal. Multiple Company Operations: A Training Exercise. Apr, p75.

Rieth, Gary R. Fire Departments and Communities: Partners in Prevention: Education: Is It Your Priority? June, p106.

Rittenhouse, Tod. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Designing Terrorist-Resistant Buildings. Nov, p103.

Robison, Mark. Oklahoma City Bombing: Report and Analysis, Volume 1, The: EMS Treatment and Transport. Oct, p105.

Rosenfeld, Jeff. Keep It Cool. (Apparatus: The Shops) June, p24.

Royer, Keith. Fighting Fire with Water: Iowa Rate of Flow Formula for Fire Control. Sept, p40.

Rusteen, Jeff. Private Provider Tactics: Who's Fooling Whom? (Fire Service EMS) Jan, p121.

Sachen, John B. Tactics for Large Magnesium Fires: Industry Practices for Magnesium Incidents. Apr, p40.

Schneid, Thomas D. Fire Service Court: ADA and Testing, The: What is Permitted and Prohibited? Mar, p105; ADA and Workers' Compensation Claims, The. Mar, p104. Americans with Disabilities Act and HIV, The. Sept, p86; Is Alcoholism Protected Under the ADA? June, p123; Is Your Fire Station Safe from Workplace Violence? Aug, p137; New Rules for Job Interviews. Jan, p125; OSHA or ADA: With Which Laws Do We Comply? June, p122.

Seidel, Gary E. Swiftwater Rescue Tactics, Part 1: Low-Risk Options. May, p66; Part 2: High-Risk Options. July, p52.

Shannon, Mike. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Rescue Operations: Doing Battle in the Building. Oct, p64.

Shouldis, William. How You Can " E.F.F.E.C.T." Fire Safety. June, p115.

Sisk, Ted. Fire Departments and Communities: Partners in Prevention: Effective Community Communications. June, p107.

Smith, Caroline. Fueling the Firefighter: Importance of Water, The. Aug, p130; Time-in-Zone Training for Optimum Performance and Fat Burning. Dec, p59.

Smith, Charles D., Jr. Oklahoma City Bombing: Report and Analysis, Volume 2, The: Creating a Road Map for Body Recovery. Nov, p98.

Sparber, Peter G. Capitol Connection: CPSC Chairman Ann Brown: The "Bright Light" of Federal Fire Prevention. Mar, p99; Highway Safety and the "R" Word. Dec, p61; Pain Part, The. May, p73.

Staley, Michael F. One-Minute Motivator: Reducing the "Bottom Lines" on Firefighters in Gainesville, Florida. Sept, p87; Servant Leadership in the Fire Service: It's Never Lonely at the Top When You're Leading from the Bottom. Aug, p30.

Stanley, Cheri. Fire Departments and Communities: Partners in Prevention: Planning a Successful Fire Prevention Week Poster Contest. June, p108.

Stukey, Donald W. Shifting Gears to Defensive Mode. Aug, p50.

Terpak, Michael A. Lifeline Search: A Systematic Approach. (The Truck Company) Jan, p16.

Thorp, Fred. EMS Showcase and Bulletin Board: First-Responder Reimbursement: A Commentary. July, p72.

Vernon, Michael; Michael Keeton; and **Jackie W. Edmonson.** Oklahoma City Bombing: Report and Analysis, Volume 1, The: Rescue Command. Oct, p48.

Weman, David G. Tactics for Large Magnesium Fires: St. Louis, Missouri, Magnesium Incident. Apr, p46.

Wilson, Teddy G. Oklahoma City Bombing: Report and Analysis, Volume 1, The: Pulled Out Alive: The Nancy Ingram Rescue. Oct, p94.

Windisch, F.C. (Fred). Influencing Change with a New Culture (Volunteers Corner) Apr, p12.

Woodard, Marc L. Oklahoma City Bombing: Report and Analysis, Volume 1, The: First In: Actions of Engine Company 1. Oct, p38

* * *

SUBJECTS

Apparatus/Maintenance

Apparatus Collision Decisions. James R. Faulkner. Sept, p82.

Apparatus Points to Ponder. William C. Peters. Sept, p22.

California EPA Standards Would Restrict Use of Diesel Engines. (News in Brief) Jan, p40.

Creating an Emergency Vehicle Awareness Program. Gerry Brown. (Training Notebook) Sept, p16.

EMS Showcase and Bulletin Board: Spirit of Miami. James A. Fisher. July, p58.

Fighting Fire with Water: Getting the Most from Your Pumping Apparatus. Gene P. Carlson. Sept, p56.

Keep It Cool. Jeff Rosenfeld. (Apparatus: The Shops) June, p24.

More on Tower Ladders, Part 1. Tom Brennan. (Random Thoughts) July, p94.

More on Tower Ladders, Part 2. Tom Brennan. (Random Thoughts) Aug, p166.

NFPA Proposes Updates to the Fire Apparatus Standards. William C. Peters and Carl E. Peterson. Sept, p73.

Secondary Braking Systems: A Second Chance. William C. Peters. Sept, p63.
When Should You Purchase an Aerial Ladder? Harry R. Carter. (Volunteers Corner) Sept, p12.

Budget and Finance

Funding Dilemma, The: Are You Prepared for It? Denis G. Onieal. Aug, p70.
Pain Part, The. Peter G. Sparber. (Capitol Connection) May, p73.
Volunteer Departments Can Charge Homeowners for Services. (News in Brief) Apr, p30.
What Happened to Our Budget? Gene P. Carlson. (Volunteers Corner) July, p10.

Building Construction

Back-Wiring Poses Fire Hazard. Ronald J. Rakosnik. Mar, p84.
Breaching the Concrete Block Masonry Wall. Bill Gustin. Apr, p67.
Collapse Indicators During Operations. Tom Brennan. (Random Thoughts) June, p142.
Collapse Points — Truths? Tom Brennan. (Random Thoughts) Feb, p78.
Fires in Old Commercial Occupancies. Bob Pressler. (Fire Focus) Aug, p24.
Fires You Never Read About. Tom Brennan. (Random Thoughts) Jan, p168.
Four Fire Fatalities. Francis L. Brannigan. (The Ol' Professor) Aug, p135.
Gods Are Coming, The. Gene P. Carlson. (Volunteers Corner) Aug, p12.
More Lessons in Building Construction: Fire in Arlington, Texas. Jeffrey A. Harwell. Feb, p32.
More Reasons That Collapse on the Fireground Should Not Be a Surprise. Tom Brennan. (Random Thoughts) Mar, p222.
More Subtle Fireground Surprises, The. Tom Brennan. (Random Thoughts) Apr, p126.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Explosion and Collapse: Disaster in Milliseconds. Eve E. Hinman. Oct, p14.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Designing Terrorist-Resistant Buildings. Tod Rittenhouse. Nov, p103; "Engineering" the Collapse: Making the Structure Safe. David J. Hammond. Nov, p49.
Preplanning Building Hazards. Francis L. Brannigan. Jan, p111; Mar, p103; Sept, p85; Dec, p58.
Removing Security Bars. Bill Gustin. July, p40.
Restaurant Grease Duct Fires. Joseph Grosso. (Training Notebook) June, p16.
Ventilation Problems. Bob Pressler (Fire Focus) Apr, p102.
White Ghost, The. Frank C. Montagna. (Training Notebook) May, p16.

Communications

EMS Showcase and Bulletin Board: Implementing an Emergency Medical Dispatch Program. Holly S. Hakes. July, p66.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Dispatch. Stephen Forshee. Oct, p109.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Communications. John Carroll. Nov, p 97.
Texas County's 911 System Will Track Cellular Callers. (News in Brief) Jan, p40.

Disaster Management

House Natural Disaster Task Force Adopts Fire Service Recommendations. (News in Brief) Mar, p38.
Kobe Earthquake: Lessons for the United States, The. Frank W. Borden. May, p43.
Night into Day: The Edison, New Jersey, Gas Pipeline Explosion. David Davis and Albert J. Lamkie. May, p34.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Explosion and Collapse: Disaster in Milliseconds. Eve E. Hinman. Oct, p14; Rescue Operations: Doing Battle in the Building. Mike Shannon. Oct, p64;
Operation "Water Bottle": Firefighters Bring Life to a Strife-Torn Region. John D. Horner. Aug, p107.
Terrorism on U.S. Soil: The New Reality. Bill Manning. (Editor's Opinion) May, p6.
VFIS Videotape Addresses Catastrophe Response. (News in Brief) July, p25.
Woodstock '94: Fire Planning for Large Public Events. Jack J. Murphy, Jr., and John J. O'Rourke. Jan, p74.

Emergency Medical Services

Chicago Paramedics and EMTs Entitled to Overtime. (News in Brief) Mar, p32.
EMS Showcase and Bulletin Board: First-Responder Reimbursement: A Commentary. Fred Thorp. July, p72; Implementing an Emergency Medical Dispatch Program. Holly S. Hakes. July, p66; Spirit of Miami. James A. Fisher. July, p58.
EMS Steering Committee Seeks Peer Reviewers for Consensus Statement. (News in Brief) June, p30.
Florida Fire Department Home to Antivenin Bank. (News in Brief) Aug, p34.
More Defibrillators Needed to Save Lives. (News in Brief) Mar, p32.
National Fire Service Organizations: Review and Preview '95-'96. Dec, p43.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: EMS Treatment and Transport. Mark Robison. Oct, p105; On-Site Amputation. Oct., p97; Victims by the Hundreds: EMS Response and Command. Gary Davis. Oct, p98.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Medical Aspects of Urban Search and Rescue. Joseph A. Barbera, M.D., FACEP; Craig DeAtley, PA-C, EMT-P; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Nov, p 88; Response of Virginia Task Force 1, The: A Medical Perspective. Joseph A. Barbera, M.D., FACEP; Craig DeAtley, PA-C, EMT-P; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Nov, p 92.
Private Provider Tactics: Who's Fooling Whom? Jeff Rusteen. (Fire Service EMS) Jan, p121.
Response to a Medical Emergency Involving Radioactive Materials. Anthony M. Gaglierd and Richard K. Hilinski. July, p32.
"80/20" Issue, The: An Update. Mary Jane Dittmar. July, p47.

Extinguishing Agents

Fire Departments and Communities: Partners in Prevention: Automatic Sprinkler Effectiveness Evident in Minnesota Schools. Jon Nisja. June, p102.
Fire Officials Credit Sprinklers for Reduction in Home Fires. (News in Brief) Feb, p27.

Fire/Incident Reports

Explosion in New Jersey Chemical Plant Kills Five. Joseph M. Hartman. Dec, p33.
Kobe Earthquake: Lessons for the United States, The. Frank W. Borden. May, p43.
More Lessons in Building Construction: Fire in Arlington, Texas. Jeffrey A. Harwell. Feb, p32.
Night into Day: The Edison, New Jersey, Gas Pipeline Explosion. David Davis and Albert J. Lamkie. May, p34.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Dispatch. Stephen Forshee. Oct, p109; EMS Treatment and Transport. Mark Robison. Oct, p105; First In: Actions of Engine Company 1. Marc L. Woodard. Oct, p38; OCFD Logistics. Vandon R. Hottle. Oct, p114; On-Site Amputation. Oct., p97; Pulled Out Alive: The Nancy Ingram Rescue. Teddy G. Wilson. Oct, p94; Report from Fire Chief Gary Marrs. Gary Marrs. Oct, p16; Rescue Command. Jackie W. Edmonson, Michael Keeton, and Michael Vernon. Oct, p48; Rescue Operations: Doing Battle in the Building. Mike Shannon. Oct, p64; Tool Use. Mark Mollman. Oct, p110; Treating the Mind: CISD. Troy Dycus. Oct, p120; Victims by the Hundreds: EMS Response and Command. Gary Davis. Oct, p98; Working with the Media. Jon Hansen. Oct, p116.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Communications. John Carroll. Nov, p 97; Creating a Road Map for Body Recovery. Charles D. Smith, Jr. Nov, p98; "Engineering" the Collapse: Making the Structure Safe. David J. Hammond. Nov, p49; Interior Operations: "The Pit." Jim Hone. Nov, p39; Medical Aspects of Urban Search and Rescue. Joseph A. Barbera, M.D., FACEP; Craig DeAtley, PA-C, EMT-P; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Nov, p88; Response of Virginia Task Force 1, The: A Medical Perspective. Joseph A. Barbera, M.D., FACEP; Craig DeAtley, PA-C, EMT-P; Anthony G. Macintyre, M.D.; and Dewey H. Perks, EMT-P. Nov, p92; Task Force Operations: An Overview. Ray Downey. Nov, p25; USAR IST: Providing Search and Rescue Support in Oklahoma City. Mark Ghilarducci. Nov, p9; USAR Task Force Logistics. Tom Carr. Nov, p 79; Work of a Task Force, The: Dismantling a Dying Building. Michael G. Brown. Nov, p73.
Response to a Medical Emergency Involving Radioactive Materials. Anthony M. Gaglierd and Richard K. Hilinski. July, p32.
Tactics for Large Magnesium Fires: St. Louis, Missouri, Magnesium Incident. David G. Wemen. Apr, p46; Yonkers, New York, Magnesium Incident. Douglas Leihbacher. Apr, p38.
Tragedy in a High-Rise, Memphis, Tennessee. Joe E. Caldwell and Mark Chubb. Mar, p49.

Fire Investigation

Anne Arundel County Receives Arson Grant. (News in Brief) Apr, p30.
Back-Wiring Poses Fire Hazard. Ronald J. Rakosnik. Mar, p84.
CPSC Warns of Flammable Scarves. (News in Brief) Dec, p29.
Fire Investigation: You Can Learn From Every Fire. Arthur L. Jackson. Mar, p80.
IAAI Voices Support for ATF as Separate Agency. (News in Brief) June, p32.
Pyrolysis Danger in Housing Development. Randall D. Larson. Mar, p74.
Total Quality Management in Investigation. Michael L. Donahue. Mar, p88.
USFA Offers On-Site Arson-Fire Investigation Reviews. (News in Brief) Feb, p26.

Fire Prevention

CPSC Addresses Hazards. (News in Brief) Apr, p33.
CPSC Chairman Ann Brown: The "Bright Light" of Federal Fire Prevention. Peter G. Sparber. (Capitol Connection) Mar, p99.
CPSC Cites Fire/Safety Hazards. (News in Brief) June, p32.
CPSC Reports Fire/Safety Hazards. (News in Brief) July, p25.
Federal Fire Prevention and Control Act Reauthorized. (News in Brief) Jan, p42.
Filling Metal Gas Cans on Plastic Surfaces Poses Fire Hazard (News in Brief) Sept, p24.
Fire Departments and Communities: Partners in Prevention: Education: Is It Your Priority? Gary R. Reith. June, p106; Effective Community Communications. Ted Sisk. June, p107; Lexington (KY) Division of Fire's Fire Safety House, The. Mark Chapman. June, p104; Planning a Successful Fire Prevention Week Poster Contest. Cheri Stanley. June, p108.
Firefighters: Train to Prevent as Well as Protect. Mark Chubb. Aug, p117.
Fire Inspector Training. Glenn P. Corbett. (Fire Prevention Bureau) June, p22.
Fire Safety Education Legislation Introduced. (News in Brief) May, p28.
Fireworks and Their Hazards. Kenneth L. Kosanke and Thomas J. Poulton. June, p49.
How You Can " E.F.F.E.C.T." Fire Safety. William Shouldis. June, p115.
Junk Vehicles Catalyst for Saving Lives in Kentucky. (News in Brief) June, p28.
NFPA Introduces Safety Sense Curriculum. (News in Brief) July, p22.
NFPA Releases Fire Door Positive-Pressure Reports. (News in Brief) Aug, p37.
Philadelphia and Community Work Together to Save Lives. (News in Brief) June, p28.
Philadelphia Fire Department Beneficiary of Make the Right Call Poster Contest. (News in Brief) Apr, p32.
Prevention Points to Ponder. Glenn P. Corbett. June, p23.
Products Pose Fire Threats. (News in Brief) Mar, p32.
Toaster Poses Fire Threat. (News in Brief) Feb, p26.
USFA Fire Safety Kit in Spanish. (News in Brief) Mar, p38.
Woodstock '94: Fire Planning for Large Public Events. Jack J. Murphy, Jr. and John J. O'Rourke. Jan, p74.

Fire Protection

Aboveground Storage Tank Debate, The. Mark Chubb. June, p73.
CABO Withdraws Sprinkler Proposal. (News in Brief) Feb, p26.

Effective Hydraulic Gradient Testing. Walter A. Damon. Feb, p39.
Fire Departments and Communities: Partners in Prevention: Automatic Sprinkler Effectiveness Evident in Minnesota Schools. Jon Nisja. June, p102; Making Fire Alarms Pay for Themselves. Robert D. Nielsen June, p101.
Fire Officials Credit Sprinklers for Reduction in Home Fires. (News in Brief) Feb, p27.
NFPA Releases Fire Door Positive-Pressure Reports. (News in Brief) Aug, p37.
Tragedy in a High-Rise, Memphis, Tennessee. Joe E. Caldwell and Mark Chubb. Mar, p49.
Woodstock '94: Fire Planning for Large Public Events. Jack J. Murphy, Jr., and John J. O'Rourke. Jan, p74.
WPI Students Research Fire Simulation Models. (News in Brief) July, p22.

Firefighting Basics

Applying Water Safely. William E. Clark. (Speaking of Safety) Mar, p28.
Breaching the Concrete Block Masonry Wall. Bill Gustin. Apr, p67.
Change It! Tom Brennan. (Random Thoughts) Sept, p102.
Collapse Indicators During Operations. Tom Brennan. (Random Thoughts) June, p142.
Collapse Points—Truths? Tom Brennan. (Random Thoughts) Feb, p78.
Fighting Fire with Water: Choosing a Nozzle. Andrew O'Donnell. Sept, p60; Return of the Solid Stream. Andrew A. Fredericks. Sept, p44; Using Water Wisely. William E. Clark. Sept, p33.
Firefighter Trapped! Bob Pressler. (Fire Focus) Dec, p56.
Flashover Symposium, Vent-Point Ignition. William E. Clark. (Speaking of Safety) Aug, p28.
Initial Supply. William F. Eckman. (Where's the Water?) Feb, p22.
Lifeline Search: A Systematic Approach. Michael A. Terpak. (The Truck Company) Jan, p16.
Mattress Fires. Frank C. Montagna. (Training Notebook) Apr, p18.
Members in Distress. Bob Pressler. (Fire Focus) June, p26.
Modifying Procedures for SCBA Safety..."in the Hole." John Norman. May, p60.
"Odor of Smoke." Frank C. Montagna. Mar, p69.
Operations on Peaked-Roof Structures. Bob Pressler. (The Truck Company) July, p18.
Pearls, Oysters, Phoenix, Ashes. Tom Brennan. (Random Thoughts) Dec, p82.
Personnel Positions and Hose Stretches. Bob Pressler. (The Engine Company) Apr, p22.
Plastic Gas Mains: Hazards and Tactics. Leigh T. Hollins. Dec, p49.
Pressurized Systems. William F. Eckman. (Where's the Water?) June, p119.
Removing Security Bars. Bill Gustin. July, p40.
Restaurant Grease Duct Fires. Joseph Grosso. (Training Notebook) June, p16.
Sustained Supply. William F. Eckman. (Where's the Water?) June, p118.
Tools or Weapons? William E. Clark. (Speaking of Safety) Jan, p36.
Total Water Supply. William F. Eckman. (Where's the Water?) Aug, p132.
Ventilation Problems. Bob Pressler (Fire Focus) Apr, p102.
Why Can't the Fire Service Extinguish Fires in High-Rise Buildings? Vincent Dunn. (High-Rise Firefighting) Dec, p22.

Hazardous Materials

Chemical Data Notebook Series. Frank L. Fire. #101: Acetic Anhydride. Jan, p127; #102: Acetone Cyanohydrin. Feb, p65; #103: Arsine. Mar, p107; #104: Propylene Oxide. Apr, p114; #105: Sodium Hydrosulfide. May, p75; #106: Chlorine Dioxide. June, p125; #107: Ethyl Acrylate. July, p77; #108: Potassium Cyanide. Aug, p138; #109: Boron Trichloride. Sept, p88; #110: Formic Acid. Dec, p63.
CMA Creates MSDS Database. (News in Brief) June, p32.
Explosion in New Jersey Chemical Plant Kills Five. Joseph M. Hartman, Dec, p33.
Handling Flammable/Combustible Liquids Carriers. Gene P. Carlson. (Volunteers Corner) Dec, p10.
Handling Haz Mats: Subsurface Spills and Releases into a Sewer System. Gregory G. Noll. Apr, p54.
Learning the Procedure Without Understanding a Propane Gas "Flare." Stephen L. Hermann. (Training Notebook) Jan, p14.
Night into Day: The Edison, New Jersey, Gas Pipeline Explosion. David Davis and Albert J. Lamkie. May, p34.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: ANFO: The Tool of Destruction. Frank L. Fire. Oct, p13.
Response to a Medical Emergency Involving Radioactive Materials. Anthony M. Gaglierd and Richard K. Hilinski. July, p32.
Tactics for Large Magnesium Fires: Industry Practices for Magnesium Incidents. John B. Sachen. Apr, p40; St. Louis, Missouri, Magnesium Incident. David G. Wemen. Apr, p46; Yonkers, New York, Magnesium Incident. Douglas Leihbacher. Apr, p38.
"This Looks Serious...Though It's Hard to Tell Through These Binoculars." Stephen L. Hermann. (Fire Commentary) Aug, p129.

Incident Command/Fireground Management

Change It! Tom Brennan. (Random Thoughts) Sept, p102.
Don't Play Supply Hose Catch-Up. Bruce C. Edwards. Feb, p48.
Factors That Could Signal a Shift to Defensive Strategy. Tom Brennan. (Random Thoughts) May, p90.
Fighting Fire with Water: Getting the Most from Your Pumping Apparatus. Gene P. Carlson. Sept, p56; Iowa Rate of Flow Formula for Fire Control. Keith Royer. Sept, p40.
Fireground Officer, The: Just a Backup System? Stanley E. Earl. Jan, p89.
Fires You Never Read About. Tom Brennan. (Random Thoughts) Jan, p168.
Getting Water to the Fire. Bob Pressler. (The Fire Company) Feb, p16.
Guidelines for Strategic Decision Making at High-Rise Fires. Elmer F. Chapman. Sept, p66.
Handling Haz Mats: Subsurface Spills and Releases into a Sewer System. Gregory G. Noll. Apr, p54.
Initial Supply. William F. Eckman. (Where's the Water?) Feb, p22.
More Lessons in Building Construction: Fire in Arlington, Texas. Jeffrey A. Harwell. Feb, p32.
More Reasons That Collapse on the Fireground Should Not Be a Surprise. Tom Brennan. (Random Thoughts) Mar, p222.
More Subtle Fireground Surprises, The. Tom Brennan. (Random Thoughts) Apr, p126.
Multiple Company Operations: A Training Exercise. Hal Richman. Apr, p75.
Night into Day: The Edison, New Jersey, Gas Pipeline Explosion. David Davis and Albert J. Lamkie. May, p34.
"Odor of Smoke." Frank C. Montagna. Mar, p69.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: EMS Treatment and Transport. Mark Robison. Oct, p105; OCFD Logistics. Vandon R. Hottle. Oct, p114; Report from Fire Chief Gary Marrs. Gary Marrs. Oct, p16; Rescue Command. Jackie W. Edmonson, Michael Keeton, and Michael Vernon. Oct, p48; Victims by the Hundreds: EMS Response and Command. Gary Davis. Oct, p98.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Creating a Road Map for Body Recovery. Charles D. Smith, Jr. Nov, p98; Task Force Operations: An Overview. Ray Downey. Nov, p25; USAR IST: Providing Search and Rescue Support in Oklahoma City. Mark Ghilarducci. Nov, p9.
Pressurized Systems. William F. Eckman. (Where's the Water?) June, p119.
Rapid Intervention Companies: The Firefighter's Life Insurance. Jim Cline. June, p67.
Risk Taking on the Fireground. Frank C. Montagna. Aug, p101.
Safety at Stump Jumper Operations. Frank M. Panek. Aug, p75.
SOPs and Liability. John T. Bentivoglio. Jan, p105.
Sustained Supply. William F. Eckman. (Where's the Water?) June, p118.
Tactics for Large Magnesium Fires: Industry Practices for Magnesium Incidents. John B. Sachen. Apr, p40.
Take Command. Matthew Murtagh. Apr, p90.
Total Water Supply. William F. Eckman. (Where's the Water?) Aug, p132.
Tragedy in a High-Rise, Memphis, Tennessee. Joe E. Caldwell and Mark Chubb. Mar, p49.
Training Incident Commanders for Tactical Decision Making. Roger C. Huder. (Training Notebook) Mar, p16.
White Ghost, The. Frank C. Montagna. (Training Notebook) May, p16.

Laws and Legislation, Codes and Standards

Aboveground Storage Tank Debate, The. Mark Chubb. June, p73.
ADA and Testing, The: What is Permitted and Prohibited? Thomas D. Schneid. (Fire Service Court) Mar, p105.
ADA and Workers' Compensation Claims, The. Thomas D. Schneid. (Fire Service Court) Mar, p104.
Americans with Disabilities Act and HIV, The. Thomas D. Schneid. (Fire Service Court) Sept, p86.
Bearded Firefighter Wins in Appeals Court. (News in Brief) Jan, p40.
Blades of Grass. Bill Manning. (Editor's Opinion) Dec, p6.
CABO Withdraws Sprinkler Proposal. (News in Brief) Feb, p26.
CFSI to Present Legislative Issues to Congressional Fire Caucus. (News in Brief) Jan, p42.
Chicago Paramedics and EMTs Entitled to Overtime. (News in Brief) Mar, p32.
CPSC Chairman Ann Brown: The "Bright Light" of Federal Fire Prevention. Peter G. Sparber. (Capitol Connection) Mar, p99.
Diversity. Susan Brightmire. (Fire Commentary) Jan, p117.
Employee Background Checks: Walking the Fine Line. John T. Bentivoglio. Aug, p65.
EMS Showcase and Bulletin Board: First-Responder Reimbursement: A Commentary. Fred Thorp. July, p72.
Federal Fire Prevention and Control Act Reauthorized. (News in Brief) Jan, p42.
Fire Inspector Training. Glenn P. Corbett. (Fire Prevention Bureau) June, p22.
Highway Safety and the "R" Word. Peter G. Sparber. (Capitol Connection) Dec, p61.
House Committee Postpones Action on Firefighter Safety Rule. (News in Brief) Sept, p24.
House Natural Disaster Task Force Adopts Fire Service Recommendations. (News in Brief) Mar, p38.
IAAI Voices Support for ATF as Separate Agency. (News in Brief) June, p32.
IAFC Manual a Tool for Self-Assessment. (News in Brief) Dec, p27.
IAFC Reaffirms Support for Legislation. (News in Brief) Aug, p36.
Is Alcoholism Protected Under the ADA? Thomas D. Schneid. (Fire Service Court) June, p123.
Legislation to Revise Pay System for Federal Firefighters Reintroduced. (News in Brief) Apr, p30.
Legislation Would Amend FLSA Provision to Allow Volunteerism. (News in Brief) June, p28.
Legislative Impact on Fire Service Physical Fitness Testing. Fred M. Rafilson. Apr, p83.
Make Standards a Win-Win for the Fire Service. Bill Manning (Editor's Opinion) Feb, p6.
Managing the Sexual Harassment Issue. William L. Bingham. Feb, p56.
Mandatory Retirement Age Bill Clears Subcommittee. (News in Brief) May, p28.
National Fire Service Organizations: Review and Preview '95-'96. Dec, p43.
NFPA Fire Service Committees are Soliciting Comments. (News in Brief) Sept, p24.
NFPA Proposes Updates to the Fire Apparatus Standards. William C. Peters and Carl E. Peterson. Sept, p73.
NFPA Standards Council Rules on Proposal for Paid Firefighter Standards. (News in Brief) Mar, p32.
New Rules for Job Interviews. Thomas D. Schneid. (Fire Service Court) Jan, p125.
NVFC Backs Volunteer-Oriented Legislation. (News in Brief) Aug, p37
OSHA or ADA: With Which Laws Do We Comply? Thomas D. Schneid. (Fire Service Court) June, p122.
OSHA: Safety Violations Led to Deaths of 14 Firefighters. (News in Brief) May, p28.
Pain Part, The. Peter G. Sparber. (Capitol Connection) May, p73.
Prevention Points to Ponder. Glenn P. Corbett. June, p23.
Private Provider Tactics: Who's Fooling Whom? Jeff Rusteen. (Fire Service EMS) Jan, p121.
SOPs and Liability. John T. Bentivoglio. Jan, p105.
USFA Funding Not in Jeopardy. (News in Brief) Mar, p38.
USFA Reauthorization Bill Passes House Subcommittee (News in Brief) Sept, p25.
Volunteer Departments Can Charge Homeowners for Services. (News in Brief) Apr, p30.

Workers' Compensation Laws, Infectious Disease, and Personal Privacy. Lair Dayton Haugh. (Fire Service Court) Feb, p63.

Leadership/Management

ADA and Testing, The: What is Permitted and Prohibited? Thomas D. Schneid. (Fire Service Court) Mar, p105.
ADA and Workers' Compensation Claims, The. Thomas D. Schneid. (Fire Service Court) Mar, p104.
Apparatus Collision Decisions. James R. Faulkner. Sept, p82.
Chicago Paramedics and EMTs Entitled to Overtime. (News in Brief) Mar, p32.
Company Staffing: The Proof Is in Your Numbers. Cortez Lawrence. Apr, p61.
Conducting a Successful SCBA Evaluation. Brian A. Colella. June, p95.
Department Sets Policy for Low-Priority Responses. (News in Brief) May, p28.
Diversity. Susan Brightmire. (Fire Commentary) Jan, p117.
Employee Background Checks: Walking the Fine Line. John T. Bentivoglio. Aug, p65.
EMS Showcase and Bulletin Board: Implementing an Emergency Medical Dispatch Program. Holly S. Hakes. July, p66.
EMS Steering Committee Seeks Peer Reviewers for Consensus Statement. (News in Brief) June, p30.
Firefighters: Train to Prevent as Well as Protect. Mark Chubb. Aug, p117.
Fire Suppression Rating Schedule. Dale Perry. (Volunteers Corner) June, p10.
Funding Dilemma, The: Are You Prepared for It? Denis G. Onieal. Aug, p70.
How White Is Your Helmet? Bill Manning. (Editor's Opinion) Sept, p6.
Influencing Change with a New Culture. F.C. (Fred) Windisch. (Volunteers Corner) Apr, p12.
Is Alcoholism Protected Under the ADA? Thomas D. Schneid. (Fire Service Court) June, p123.
Is Your Fire Station Safe from Workplace Violence? Thomas D. Schneid. (Fire Service Court) Aug, p137.
Labor and Management: Case Study in Labor/Management: City of Miami, Florida. Edward Pidermann. Aug, p95; Strengthening the Fire Service Leadership Partnership .Roger R. Henson. Aug, p83.
Legislative Impact on Fire Service Physical Fitness Testing. Fred M. Rafilson. Apr, p83.
Managing Information for the Fire Department. Michael Moriarty. Apr, p48.
Managing the Sexual Harassment Issue. William L. Bingham. Feb, p56.
Measuring the Effectiveness of CISD: A Study. Nancy Bohl. Aug, p125.
National Fire Service Organizations: Review and Preview '95-'96. Dec, p43.
New Rules for Job Interviews. Thomas D. Schneid. (Fire Service Court) Jan, p125.
Operations Turnover Checklist. Tim Parker. (Training Notebook) Feb, p14.
OSHA or ADA: With Which Laws Do We Comply? Thomas D. Schneid. (Fire Service Court) June, p122.
Partnerships with Local Industry. Gene P. Carlson. (Volunteers Corner) Mar, p12.
Servant Leadership in the Fire Service: It's Never Lonely at the Top When You're Leading from the Bottom. Michael F. Staley. (One-Minute Motivator) Aug, p30.
Shifting Gears to Defensive Mode. Donald W. Stukey. Aug, p50.
SOPs and Liability. John T. Bentivoglio. Jan, p105.
Take Command. Matthew Murtagh. Apr, p90.
Training Volunteers, Part 1. John M. Buckman. (Volunteers Corner) Jan, p10.
Training Volunteers, Part 2. John M. Buckman. (Volunteers Corner) February, p10.
Volunteer Leaders Surviving Modern Times. John M. Buckman. Sept, p78.
What Happened to Our Budget? Gene P. Carlson. (Volunteers Corner) July, p10.
When Should You Purchase an Aerial Ladder? Harry R. Carter. (Volunteers Corner) Sept, p12.
White Cover, The. Bill Manning. (Editor's Opinion) Aug, p6.
Workers' Compensation Laws, Infectious Disease, and Personal Privacy. Lair Dayton Haugh. (Fire Service Court) Feb, p63.
"80/20" Issue, The: An Update. Mary Jane Dittmar. July, p47.

Miscellaneous

Bathurst Named USFA Deputy Administrator. (News in Brief) Apr, p30.
Boehlert to Head Congressional Fire Services Caucus. (News in Brief) Feb, p27.
Fallen Firefighter Service Videotapes Available. (News in Brief) Feb, p27.
Fire Service Scholarship. (News in Brief) Aug, p37.
Going to the "National." Ronald E. Kanterman. (Fire Commentary) Apr, p113.
IAFC Accepting Nominations for 1995 Awards Programs. (News in Brief) June, p30.
IAFC Volunteer Section Announces EFO Scholarship. (News in Brief) July, p22.
IAFF Offers Reward in Suspected Arson Fire. (News in Brief) Apr, p30.
In Memoriam: William E. Clark, 1914-1995. (News in Brief) Dec, p26.
"Legislators of the Year" Biden and Weldon Feted at CFSI Dinner. (News in Brief) July, p22.
MFRI Courses Win ACE Recognition. (News in Brief) July, p25.
Miscellaneous Fictions. Bill Manning (Editor's Opinion) Mar, p6.
New System Warns of Fire Weather Threats. (News in Brief) Aug, p36.
NFPA Releases Arson Statistics. (News in Brief) Mar, p36.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Message from the Governor: The Fire Service in Oklahoma City. Frank Keating. Oct, p9.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Memorial Service at Bombing Site. Nov, p110.
Starting the Year Off Right. Henry Dinneen. (Note from the Publisher) Jan, p6.
Thank You, Fire Service. Bill Manning. (Editor's Opinion) Apr, p6.
USFA Offers New Publications. (News in Brief) July, p24.
Wiginton Wins NFSA Golden Sprinkler Award. (News in Brief) Apr, p32.

Public Education/Relations

Boca Raton Initiates Community Health Care Outreach Program. (News in Brief) July, p22.
Creating an Emergency Vehicle Awareness Program. Gerry Brown. (Training Notebook) Sept, p16.
Fire Departments and Communities: Partners in Prevention: Automatic Sprinkler Effectiveness Evident in Minnesota Schools. Jon Nisja. June, p102; Education: Is It Your Priority? Gary R. Reith. June, p106; Effective Community Communications. Ted Sisk. June, p107; Lexington (KY) Division of Fire's Fire Safety House, The. Mark Chapman. June, p104; Making Fire Alarms Pay for Themselves. Robert D. Nielsen June, p101; Planning a Successful Fire Prevention Week Poster Contest. Cheri Stanley. June, p108.
Fire Safety Education Legislation Introduced. (News in Brief) May, p28.
Free Kit Offers Tips for Safely Inspecting Homes for Carbon Monoxide. (News in Brief) Apr, p32.
Junk Vehicles Catalyst for Saving Lives in Kentucky. (News in Brief) June, p28.
NFPA "Learn Not to Burn" Awards Spark Education Program. (News in Brief) June, p32.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Working with the Media. Jon Hansen. Oct, p116.
Partnerships with Local Industry. Gene P. Carlson. (Volunteers Corner) Mar, p12.
Philadelphia and Community Work Together to Save Lives. (News in Brief) June, p28.
Philadelphia Fire Department Beneficiary of Make the Right Call Poster Contest. (News in Brief) Apr, p32.
Program Aims at Building Support for Volunteer Departments. (News in Brief) Aug, p36.
Total Quality Management in Investigation. Michael L. Donahue. Mar, p88.
USFA Fire Safety Kit in Spanish. (News in Brief) Mar, p38.

Rescue

Air Bag Rescue: An Unusual Application. Dennis R. Krebs. May, p65.
Breathing Air Systems for Confined Space Rescue. Michael Dunn. May, p55.
Breathing Apparatus "in the Hole" ... an Opinion. Michael G. Brown. May, p61.
Can Your Air Bags Pass the Test? Robert Hackworth. June, p111.
Collapse Search and Rescue Operations: Tactics and Procedures. John P. O' Connell. Part 13: The Split Sole Raker Shore. Jan, p95; Part 14: Horizontal Shoring. Mar, p92; Part 15: Air Bag Operations. July, p50.
Concrete Cutting Saws. Ray Downey. (Rescue Company) May, p22.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: On-Site Amputation. Oct., p97; Pulled Out Alive: The Nancy Ingram Rescue. Teddy G. Wilson. Oct, p94; Rescue Command. Jackie W. Edmonson, Michael Keeton, and Michael Vernon. Oct, p48; Rescue Operations: Doing Battle in the Building. Mike Shannon. Oct, p64.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Interior Operations: "The Pit." Jim Hone. Nov, p39; Supporting a Fractured Building. John P. O'Connell. Nov, p 64; Task Force Operations: An Overview. Ray Downey. Nov, p25; USAR IST: Providing Search and Rescue Support in Oklahoma City. Mark Ghilarducci. Nov, p9; USAR Task Force Logistics. Tom Carr. Nov, p 79; Work of a Task Force, The: Dismantling a Dying Building. Michael G. Brown. Nov, p73.
Rope "Wrenches": A Cutting Problem. Chuck Dean. May, p71.
Specialized Rescue Training. Ray Downey. (Rescue Company) Jan, p24.
Swiftwater Rescue Award Nominees Sought. (News in Brief) Dec, p27.
Swiftwater Rescue Tactics. Gary E. Seidel. Part 1: Low-Risk Options. May, p66; Part 2: High-Risk Options. July, p52.
Tools and Equipment for Specialized Rescue. Ray Downey. (Rescue Company) Mar, p22.
Vehicle Extrication Basics. Richard A. Marinucci and Lee A. Panoushek. (Volunteers Corner) May, p10.
Victim Removal, Part 2: Roof Rope Rescues. Bob Pressler (Fire Focus) Jan, p66.

Safety and Health

ADA and Workers' Compensation Claims, The. Thomas D. Schneid. (Fire Service Court) Mar, p104.
Americans with Disabilities Act and HIV, The. Thomas D. Schneid. (Fire Service Court) Sept, p86.
Bearded Firefighter Wins in Appeals Court. (News in Brief) Jan, p40.
Breathing Air Systems for Confined Space Rescue. Michael Dunn. May, p55.
Breathing Apparatus "in the Hole" ... an Opinion. Michael G. Brown. May, p61.
Company Staffing: The Proof Is in Your Numbers. Cortez Lawrence. Apr, p61.
Facts About Rabies, The. Frank C. Montagna. Feb, p42.
50 Ways to Improve Your Personal Safety. Ray McCormack. (Speaking of Safety) May, p26.
Firefighter Trapped! Bob Pressler. (Fire Focus) Dec, p56.
Flashover Symposium, Vent-Point Ignition. William E. Clark. (Speaking of Safety) Aug, p28.
Four Fire Fatalities. Francis L. Brannigan. (The Ol' Professor) Aug, p135.
House Committee Postpones Action on Firefighter Safety Rule. (News in Brief) Sept, p24.
IAFC Updates OSHA Infection-Control Guidelines Packet. (News in Brief) June, p30.
Importance of Water, The. Caroline Smith. (Fueling the Firefighter) Aug, p130.
Is Alcoholism Protected Under the ADA? Thomas D. Schneid. (Fire Service Court) June, p123.
Is Your Fire Station Safe from Workplace Violence? Thomas D. Schneid. (Fire Service Court) Aug, p137.
LDH Fittings Subject of General Recall. (News in Brief) Dec, p26.
Legislative Impact on Fire Service Physical Fitness Testing. Fred M. Rafilson. Apr, p83.
Measuring the Effectiveness of CISD: A Study. Nancy Bohl. Aug, p125.

Members in Distress. Bob Pressler. (Fire Focus) June, p26.
Modifying Procedures for SCBA Safety..."in the Hole." John Norman. May, p60.
NFPA Releases 1994 Statistics. (News in Brief) Dec, p26.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Treating the Mind: CISD. Troy Dyens. Oct, p120.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: "Engineering" the Collapse: Making the Structure Safe. David J. Hammond. Nov, p49; Supporting a Fractured Building. John P. O'Connell. Nov, p 64.
OSHA or ADA: With Which Laws Do We Comply? Thomas D. Schneid. (Fire Service Court) June, p122.
OSHA: Safety Violations Led to Deaths of 14 Firefighters. (News in Brief) May, p28.
Rapid Intervention Companies: The Firefighter's Life Insurance. Jim Cline. June, p67.
Reducing the "Bottom Lines" on Firefighters in Gainesville, Florida. Michael F. Staley. (One-Minute Motivator) Sept, p87.
Rope "Wrenches": A Cutting Problem. Chuck Dean. May, p71.
Safety at Stump Jumper Operations. Frank M. Panek. Aug, p75.
Seat in "the Can," A. Bill Manning. (Editor's Opinion) June, p92.
Survival Training in the Flashover Simulator. Christian Delisio and Jerry Knapp. June, p83.
Time-in-Zone Training for Optimum Performance and Fat Burning. Caroline Smith. (Fueling the Firefighter) Dec, p59.
Trellborg Viking Product Recall. (News in Brief) Dec, p29.
U.S. Firefighter Fatalities Up in 1994. (News in Brief) July, p22.
White Cover, The. Bill Manning. (Editor's Opinion) Aug, p6.
Workers' Compensation Laws, Infectious Disease, and Personal Privacy. Lair Dayton Haugh. (Fire Service Court) Feb, p63.

Strategy and Tactics

Applying Water Safely. William E. Clark. (Speaking of Safety) Mar, p28.
Breaching the Concrete Block Masonry Wall. Bill Gustin. Apr, p67.
Change It! Tom Brennan. (Random Thoughts) Sept, p102.
Collapse Indicators During Operations. Tom Brennan. (Random Thoughts) June, p142.
Collapse Points—Truths? Tom Brennan. (Random Thoughts) Feb, p78.
Don't Play Supply Hose Catch-Up. Bruce C. Edwards. Feb, p48.
Explosion in New Jersey Chemical Plant Kills Five. Joseph M. Hartman, Dec, p33.
Factors That Could Signal a Shift to Defensive Strategy. Tom Brennan. (Random Thoughts) May, p90.
50 Ways to Improve Your Personal Safety. Ray McCormack. (Speaking of Safety) May, p26.
Fighting Fire with Water: Iowa Rate of Flow Formula for Fire Control. Keith Royer. Sept, p40.
Firefighter Trapped! Bob Pressler. (Fire Focus) Dec, p56.
Fires in Old Commercial Occupancies. Bob Pressler. (Fire Focus) Aug, p24.
Fires You Never Read About. Tom Brennan. (Random Thoughts) Jan, p168.
Fireworks and Their Hazards. Kenneth L. Kosanke and Thomas J. Poulton. June, p49.
Getting Water to the Fire. Bob Pressler. (The Fire Company) Feb, p16.
Gods Are Coming, The. Gene P. Carlson. (Volunteers Corner) Aug, p12.
Guidelines for Strategic Decision Making at High-Rise Fires. Elmer F. Chapman. Sept, p66.
Handling Flammable/Combustible Liquids Carriers. Gene P. Carlson. (Volunteers Corner) Dec, p10.
Lifeline Search: A Systematic Approach. Michael A. Terpak. (The Truck Company) Jan, p16.
More on Tower Ladders, Part 1. Tom Brennan. (Random Thoughts) July, p94.
More on Tower Ladders, Part 2. Tom Brennan. (Random Thoughts) Aug, p166.
More Reasons That Collapse on the Fireground Should Not Be a Surprise. Tom Brennan. (Random Thoughts) Mar, p222.
More Subtle Fireground Surprises, The. Tom Brennan. (Random Thoughts) Apr, p126.
Multiple Company Operations: A Training Exercise. Hal Richman. Apr, p75.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: First In: Actions of Engine Company 1. Marc L. Woodard. Oct, p38.
Operations on Peaked-Roof Structures. Bob Pressler. (The Truck Company) July, p18.
Pearls, Oysters, Phoenix, Ashes. Tom Brennan. (Random Thoughts) Dec, p82.
Personnel Positions and Hose Stretches. Bob Pressler. (The Engine Company) Apr, p22.
Plastic Gas Mains: Hazards and Tactics. Leigh T. Hollins. Dec, p49.
Preplanning Building Hazards. Francis L. Brannigan. Jan, p111; Mar, p103; Dec, p58.
Removing Security Bars. Bill Gustin. July, p40.
Restaurant Grease Duct Fires. Joseph Grosso. (Training Notebook) June, p16.
Risk Taking on the Fireground. Frank C. Montagna. Aug, p101.
Safety at Stump Jumper Operations. Frank M. Panek. Aug, p75.
Shifting Gears to Defensive Mode. Donald W. Stakey. Aug, p50.
Swiftwater Rescue Tactics. Gary E. Seidel. Part 1: Low-Risk Options. May, p66; Part 2: High-Risk Options. July, p52.
Tactics for Large Magnesium Fires: Industry Practices for Magnesium Incidents. John B. Sachen. Apr, p40; St. Louis, Missouri, Magnesium Incident. David G. Wemen. Apr, p46; Yonkers, New York, Magnesium Incident. Douglas Leihbacher. Apr, p38.
Tragedy in a High-Rise, Memphis, Tennessee. Joe E. Caldwell and Mark Chubb. Mar, p49.
Vehicle Extrication Basics. Richard A. Marinucci and Lee A. Panoushek. (Volunteers Corner) May, p10.
Victim Removal, Part 2: Roof Rope Rescues. Bob Pressler (Fire Focus) Jan, p66.
White Ghost, The. Frank C. Montagna. (Training Notebook) May, p16.
Why Can't the Fire Service Extinguish Fires in High-Rise Buildings? Vincent Dunn. (High-Rise Firefighting) Dec, p22.

Tools and Equipment

Air Bag Rescue: An Unusual Application. Dennis R. Krebs. May, p65.
Applying Water Safely. William E. Clark. (Speaking of Safety) Mar, p28.
Alternative Chock. John Conniff. (Innovations: Homegrown) Feb, p60.
Breathing Air Systems for Confined Space Rescue. Michael Dunn. May, p55.
Breathing Apparatus "in the Hole" ... an Opinion. Michael G. Brown. May, p61.
Can Your Air Bags Pass the Test? Robert Hackworth. June, p111.
Collapse Search and Rescue Operations: Tactics and Procedures. John P. O' Connell. Part 13: The Split Sole Raker Shore. Jan, p95; Part 14: Horizontal Shoring. Mar, p92; Part 15: Air Bag Operations. July, p50.
Concrete Cutting Saws. Ray Downey. (Rescue Company) May, p22.
Conducting a Successful SCBA Evaluation. Brian A. Colella. June, p95.
Don't Play Supply Hose Catch-Up. Bruce C. Edwards. Feb, p48.
EMS Showcase and Bulletin Board: Spirit of Miami. James A. Fisher. July, p58.
Fighting Fire with Water: Choosing a Nozzle. Andrew O'Donnell. Sept, p60; Return of the Solid Stream. Andrew A. Fredericks. Sept, p44.
Getting Water to the Fire. Bob Pressler. (The Fire Company) Feb, p16.
LDH Fittings Subject of General Recall. (News in Brief) Dec, p26.
Lifeline Search: A Systematic Approach. Michael A. Terpak. (The Truck Company) Jan, p16.
Modifying Procedures for SCBA Safety..."in the Hole." John Norman. May, p60.
More Defibrillators Needed to Save Lives. (News in Brief) Mar, p32.
More on Tower Ladders, Part 1. Tom Brennan. (Random Thoughts) July, p94.
More on Tower Ladders, Part 2. Tom Brennan. (Random Thoughts) Aug, p166.
Oklahoma City Bombing: Report and Analysis, Volume 1, The: Tool Use. Mark Mollman. Oct, p110.
Oklahoma City Bombing: Report and Analysis, Volume 2, The: Supporting a Fractured Building. John P. O'Connell. Nov, p 64; USAR Task Force Logistics. Tom Carr. Nov, p 79.
Personnel Positions and Hose Stretches. Bob Pressler. (The Engine Company) Apr, p22.
Rope "Wrenches": A Cutting Problem. Chuck Dean. May, p71.
SCBA Confidence Course. Allen Clark. (Innovations: Homegrown) Jan, p112.
Supplying Electrical Power to Remote Equipment. Ray McCormack. Sept, p71.
Swiftwater Rescue Tactics. Gary E. Seidel. Part 1: Low-Risk Options. May, p66; Part 2: High-Risk Options. July, p52.
Tools and Equipment for Specialized Rescue. Ray Downey. (Rescue Company) Mar, p22.
Tools or Weapons? William E. Clark. (Speaking of Safety) Jan, p36.
Trellborg Viking Product Recall. (News in Brief) Dec, p29.

Training

Apparatus Points to Ponder. William C. Peters. Sept, p22.
Blades of Grass. Bill Manning. (Editor's Opinion) Dec, p6.
Colorado Joint Volunteer Firefighter Training Academy Receives State Accreditation. (News in Brief) Apr, p32.
Colorado Standardizes Fire Science Curriculum. (News in Brief) Dec, p27.
CPSC Warns of Flammable Scarves. (News in Brief) Dec, p29.
Creating an Emergency Vehicle Awareness Program. Gerry Brown. (Training Notebook) Sept, p16.
Denis Onieal is New NFA Superintendent. (News in Brief) Aug, p34.
Developing Lesson Plans, Part 1: What Do We Need to Teach? Timothy J. Flannery. (Training Notebook) July, p14; Part 2: What is the Objective? Aug, p16; Part 3: Creating the Lesson Plan. Dec, p16.
Firefighter Trapped! Bob Pressler. (Fire Focus) Dec, p56.
Fire Inspector Training. Glenn P. Corbett. (Fire Prevention Bureau) June, p22.
Fires for Thought. Tom Brennan. (Fire Focus) Sept, p20.
Handling Flammable/Combustible Liquids Carriers. Gene P. Carlson. (Volunteers Corner) Dec, p10.
IAFC Manual a Tool for Self-Assessment. (News in Brief) Dec, p27.
Learning the Procedure Without Understanding a Propane Gas "Flare." Stephen L. Hermann. (Training Notebook) Jan, p14.
Mattress Fires. Frank C. Montagna. (Training Notebook) Apr, p18.
Mechanics of Excellence, The. Bill Manning (Editor's Opinion) July, p6.
Multiple Company Operations: A Training Exercise. Hal Richman. Apr, p75.
Partnerships with Local Industry. Gene P. Carlson. (Volunteers Corner) Mar, p12.
Pearls, Oysters, Phoenix, Ashes. Tom Brennan. (Random Thoughts) Dec, p82.
Plastic Gas Mains: Hazards and Tactics. Leigh T. Hollins. Dec, p49.
Preplanning Building Hazards. Francis L. Brannigan. Jan, p111; Mar, p103; Sept, p85; Dec, p58.
Prevention Points to Ponder. Glenn P. Corbett. June, p23.
SCBA Confidence Course. Allen Clark. (Innovations: Homegrown) Jan, p112.
Seat in "the Can," A. Bill Manning. (Editor's Opinion) June, p92.
Specialized Rescue Training. Ray Downey. (Rescue Company) Jan, p24.
Survival Training in the Flashover Simulator. Christian Delisio and Jerry Knapp. June, p83.
"This Looks Serious...Though It's Hard to Tell Through These Binoculars." Stephen L. Hermann. (Fire Commentary) Aug, p129.
Training. Bill Manning. (Editor's Opinion) June, p6.
Training Incident Commanders for Tactical Decision Making. Roger C. Huder. (Training Notebook) Mar, p16.
Training Volunteers, Part 1. John M. Buckman. (Volunteers Corner) Jan, p10.
Training Volunteers, Part 2. John M. Buckman. (Volunteers Corner) February, p10.
USFA Revises NFA Executive Fire Officer Program. (News in Brief) Feb, p26.
Why Can't the Fire Service Extinguish Fires in High-Rise Buildings? Vincent Dunn. (High-Rise Firefighting) Dec, p22.

* * *